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UNITED STATES DEPARTMENT OF AGRICULTURE  
 Rural Electrification Administration  
 Washington 25, D. C.

TECHNICAL STANDARDS COMMITTEES  
 Month of May, 1949

The following is a summary of the changes in the "List of Materials Acceptable For Use on REA-Financed Systems" resulting from decisions of the Technical Standards Committees during the month of May 1949:

1. Page k Insulator, suspension

Page k-1

Add Knox Porcelain number 81022 as a ball and socket type insulator for 22, 33, 44, and 66 kv service.

Page k-2

Add Porc. Prod. number 66220 as a clevis type insulator for 15 kv service.

2. Page l-1 Clamp, deadend

Change listing for Ill. Elec. Porc. to read as follows:

<u>Conductor</u>			<u>Conductor</u>		
Copper	3 #6 & 2 #3	#4A through 3#12	ACSR (Plus Tape)		
Steel	#4	#6 through #8			
Amerductor	#4		#1/0-6/1	#2-7/1 through	#4-6/1
	2115	2106	2115	2115	
			2107*	2107*	

\*Clamp furnished with liner - does not require tape.

Porc. Prod. number 1437 replaces numbers 7510 and 2110.

Porc. Prod. number 1655 replaces numbers 7511 and 7509.

3. Page m Clamps, suspension

Porc. Prod. number 2250 replaces number 7521.

Porc. Prod. numbers 6240U, 6241U, and 6243U replace numbers 6240, 6241, and 6243, respectively.

4. Page p Connectors

Page p-1a

Line Material numbers KY4SE and KY6SE replace numbers 3417 and 3419, respectively.

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Page p-1b

Weaver number K-1 replaces number A-1.

Page p-2d

Add Line Material number KY4SEPW under heading "To aluminum" for No. 4 conductor size only.

Page p-3a

Weaver number K-1 replaces number A-1.

Weaver number K-2 replaces number A-2.

Page p-3e

Add Sherman number R-102 as follows:

Steel*	4	6	8	
Amerductor	4	6	8	8X,9X,10,12

Sherman

To ACSR** Nos. 1/0,2,&4	R-102	R-102	R-102	R-102
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\* Amersteel, Ruralductor, Crapo

\*\* Over Armor Rods

Weaver number K-2 replaces number A-2 for 1/4", 3/8", and 7/16" guy strand connections.

Page p-3f

Insert new page "p-3f" which will include the following:

p - Connectors, Steel and Amerductor (Over Armor Rods)  
(As recommended by the conductor mfgrs.)

*Steel**		4	6	8	
Amerductor**	2	4	6	8	8X,9X,10,12

<u>Manufacturer</u>	<u>To - Same Conductor or Smaller</u>				
Sherman	R-102	R-102	R-102	R-102	R-102
	<u>To - No. 4 and No. 6 Copper</u>				
	R-101	R-101	R-101	R-101	R-101

\*Amersteel, Ruralductor, Crapo

\*\*Over Armor Rods

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5. Page r-1 Clevis, secondary, deadend insulated

Delete Porc. Prod. number 11224.

6. Page z-1 Anchors, expanding and plate.

Add Chance numbers 88100, 88115, and 88135 as follows:

Holding Power in Sand - lbs.	6,000	8,000	10,000	12,000
Min. Required area, exp. sq. in.	90	100	120	135
Rod Diameter - inches	5/8	5/8	3/4	3/4
Rod Length - feet	7	7	8	-

<u>Manufacturer</u>	<u>Type</u>	<u>Catalog No.</u>		
Chance	8 Way	88100	88115	88135

7. Page ae-1 Lightning arresters, distribution.

Change listing for Elec. Service to read as follows:

<u>Manufacturer</u>	<u>Type</u>	<u>Catalog No.</u>	<u>Mounting</u>	<u>Catalog No.</u>
Elec. Service	Keystone	84208	Crossarm	DDB

Line Material number B305529-3 replaces number B305182-3.

8. Page ai Rods, ground

Page ai-1

Delete Hubbard number 2678.

Delete Joslyn number J1438.

Delete Line Material numbers 340042E3, 340042E5, and 340042E6.

Delete Locke number 8618.

Page ai-2

Delete M. & W. Elec. Mfg. number 1000.

Delete Oliver numbers 9768, 9170, and 9172.

Delete Seyler number 8618.

Delete note "War Standard Item (acceptance good for duration and ninety days thereafter)" from pages ai-1 and ai-2.

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9. Page ap-3 Clamp, hot line

Kearney number 3405 replaces number 3517 for No. 4A copperweld only.

10. Page ar

Add Ill. Elec. Porc. number 1937 under heading "With #22 Wood Screw."

11. Page as Clevis, service, swinging, insulated.

Change Porc. Prod. number 1990 to appear under heading "With dry process insulator" only.

12. Page at Guy Guard

Add Kearney number 14056-3 under heading "Half-round, 14 ga. min."

Delete Specialty Device number 8180SG.

13. Page ax

Electric Service number 85630 replaces number 84165.

14. Page be

The listing for Westinghouse should be changed to read as follows:

Manufacturer

15 KV

Mounting

Catalog No.

Ampere		5	10	15	25	35	50
Westinghouse	(Crossarm	50GR-5	50GR-10	50GR-15	50GR-25	50GR-35	50GR-50
Single Ø	(S1446066						

15. Page ci Clevis, thimble, side-opening

Porc. Prod. number 50 replaces number 7532.

16. Page cl Gap, lightning protection

Delete Line Material Company number C-305189-4, Type SGF Expulsion Gap, from this page.

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